



Figure 3.



Nelecto



80272B



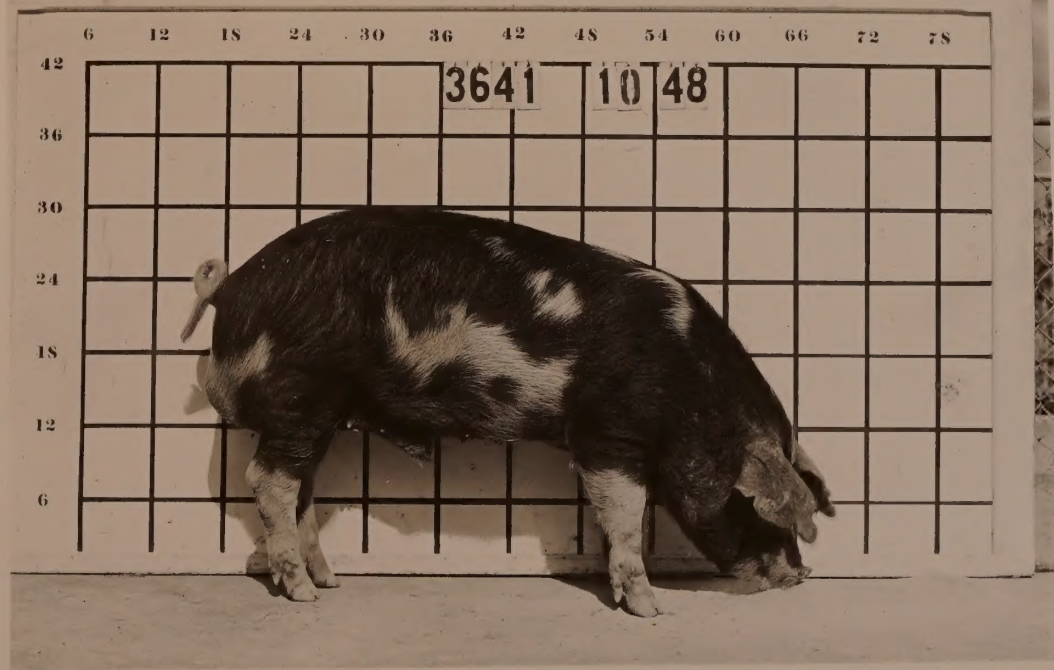
8026413



80270 B



80269 B

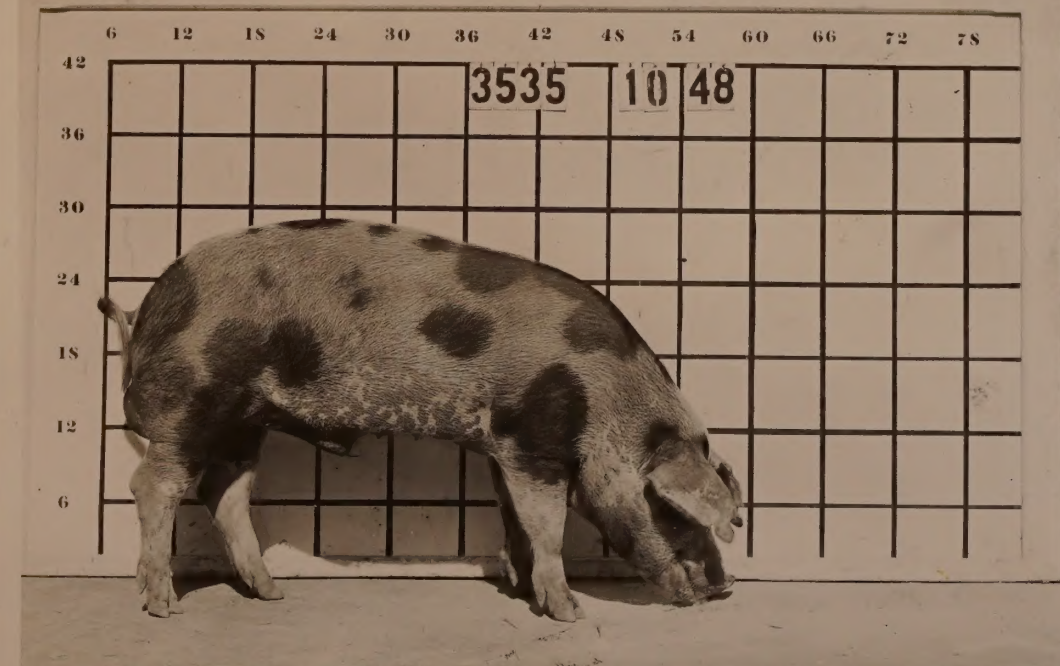




802573



802723







Breeding Herd

Landrace-Duroc Boar No. 6663
 Farrowed 3-3-49
 Sire 3661, Dam 3183
 13 farrowed - 8 weaned - 21.1% inbreeding



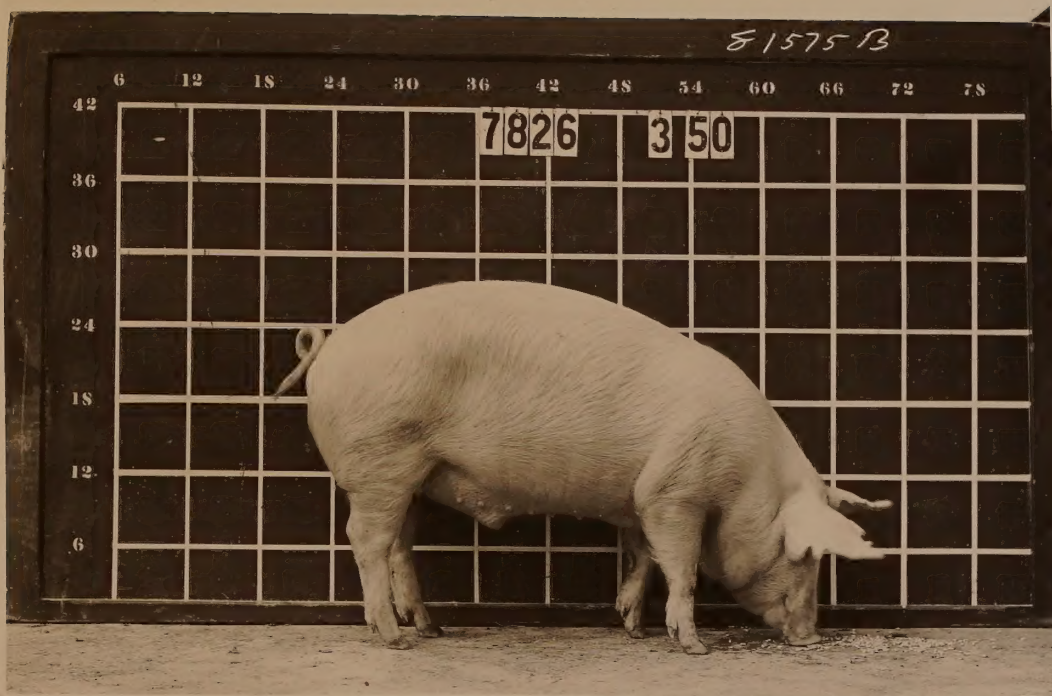
Breeding Herd

Landrace-Duroc Boar No. 7641
 Farrowed 8-9-49
 Sire 3914, Dam 3407
 12 farrowed - 7 weaned - 26.8% inbreeding



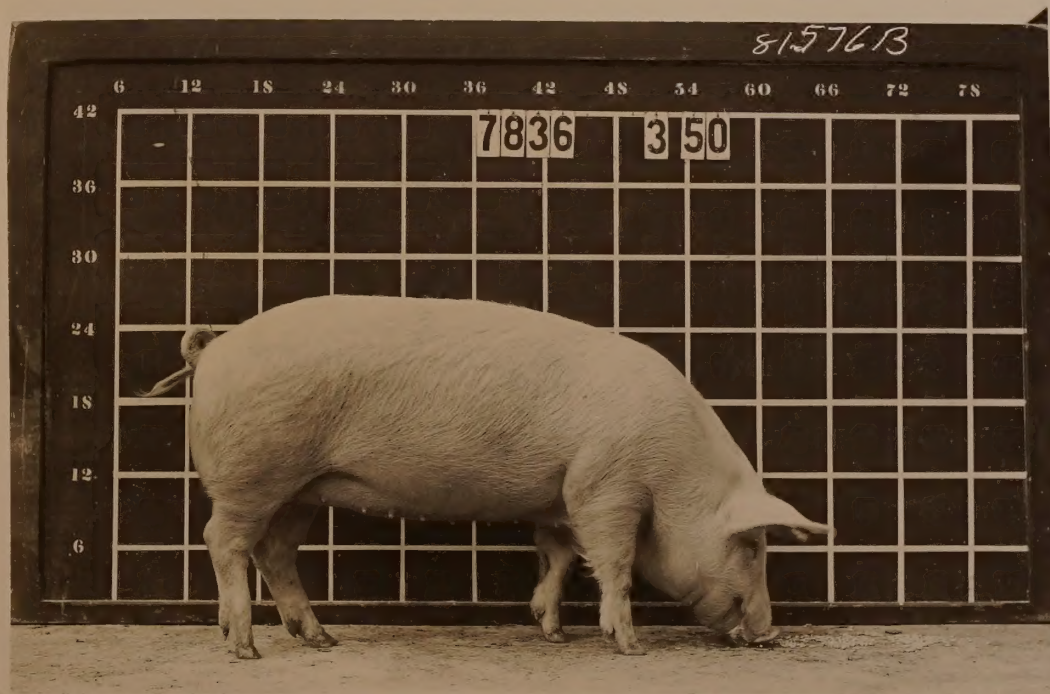
Breeding Herd

Chester White-Landrace Boar 7132
Farrowed 3-19-49
Sire 3715, Dam 7816
10 farrowed-9 weaned-47.8% inbreeding



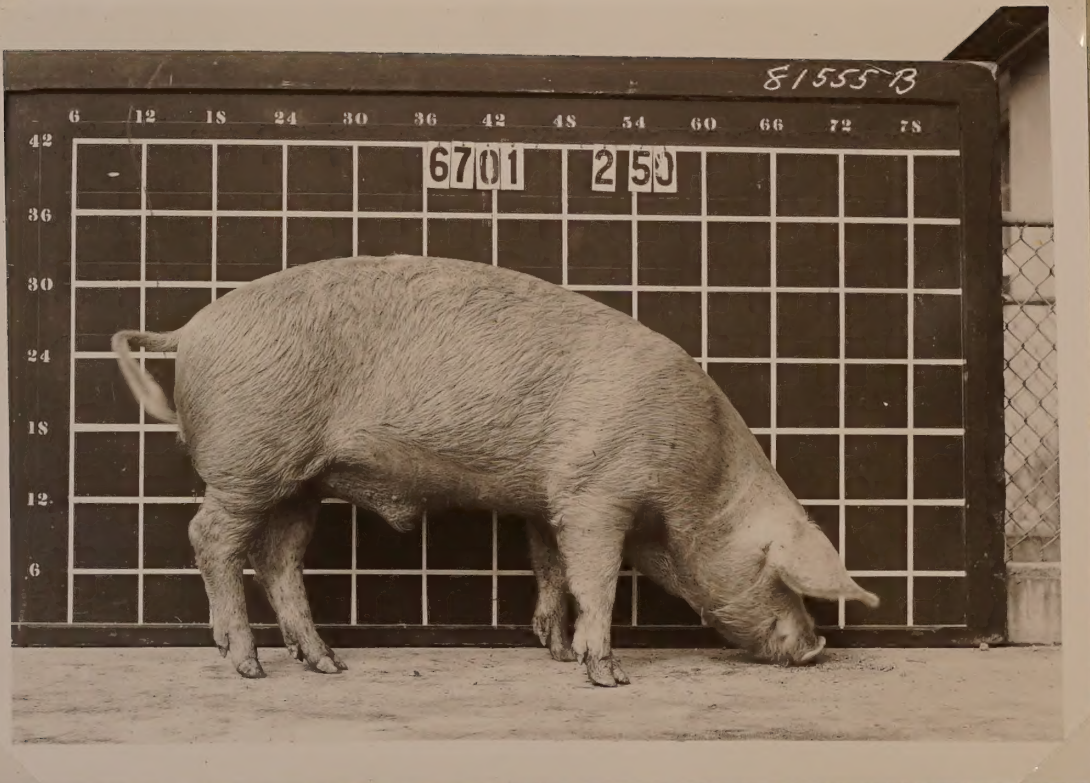
Breeding Herd

Landrace Boar 7826
 Farrowed 8-21-49
 Sire 5675, Dam 2928
 11 farrowed-11 weaned-28.8% inbreeding

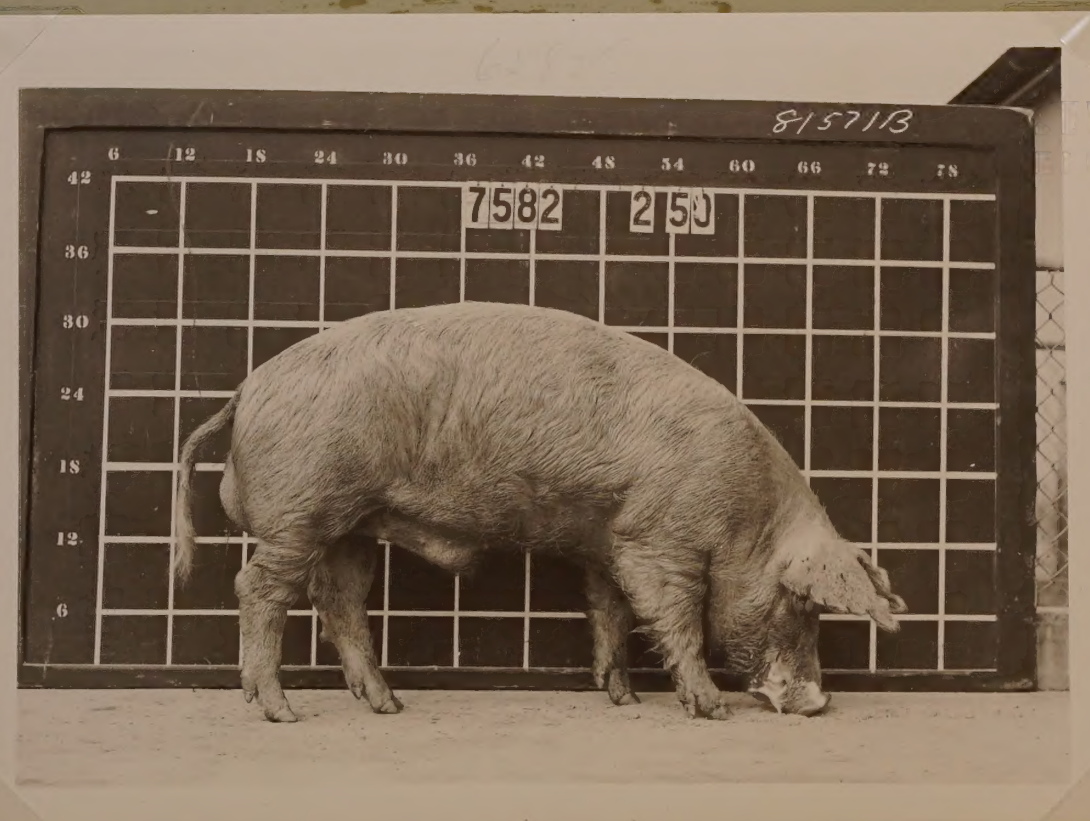


Landrace Sow 7836
 Farrowed 8-21-49
 Sire 5675, Dam 3545
 8 farrowed-7 weaned-29.7% inbreeding

Neg. No. 81576-B

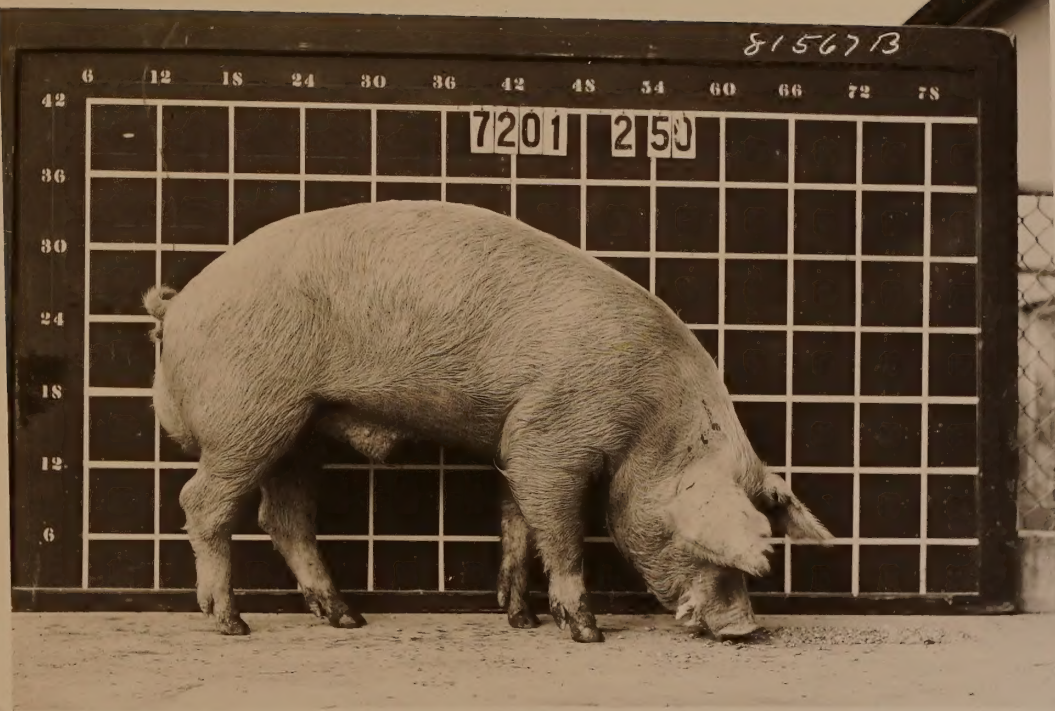


Landrace Boar 6701
 Farrowed 3-5-49
 Sire 2922 - Dam 3036
 5 farrowed-4 weaned-39.6% inbreeding



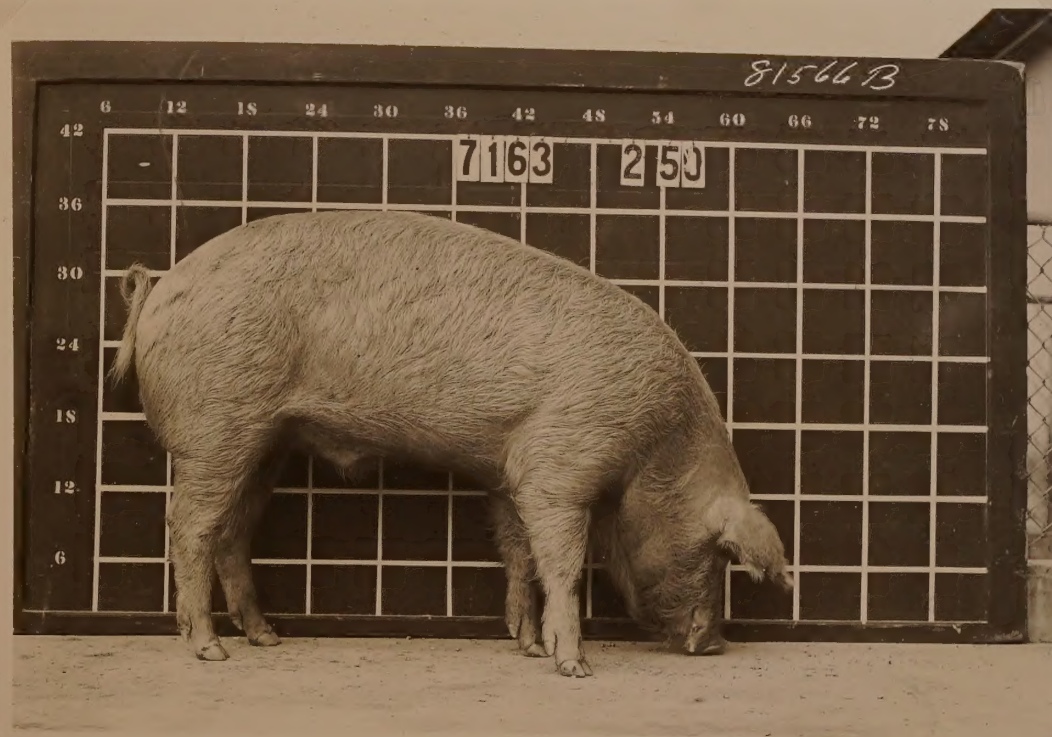
Landrace Boar 6582
 Farrowed 2-27-49
 Sire 1835, Dam 3545
 6 farrowed-6 weaned-37% inbreeding

Breeding Herd



Breeding Herd

Chester White-Landrace Boar 7201
 Farrowed 3-23-49
 Sire 3715, Dam 3227
 12 farrowed-9 weaned-48.6% inbreeding



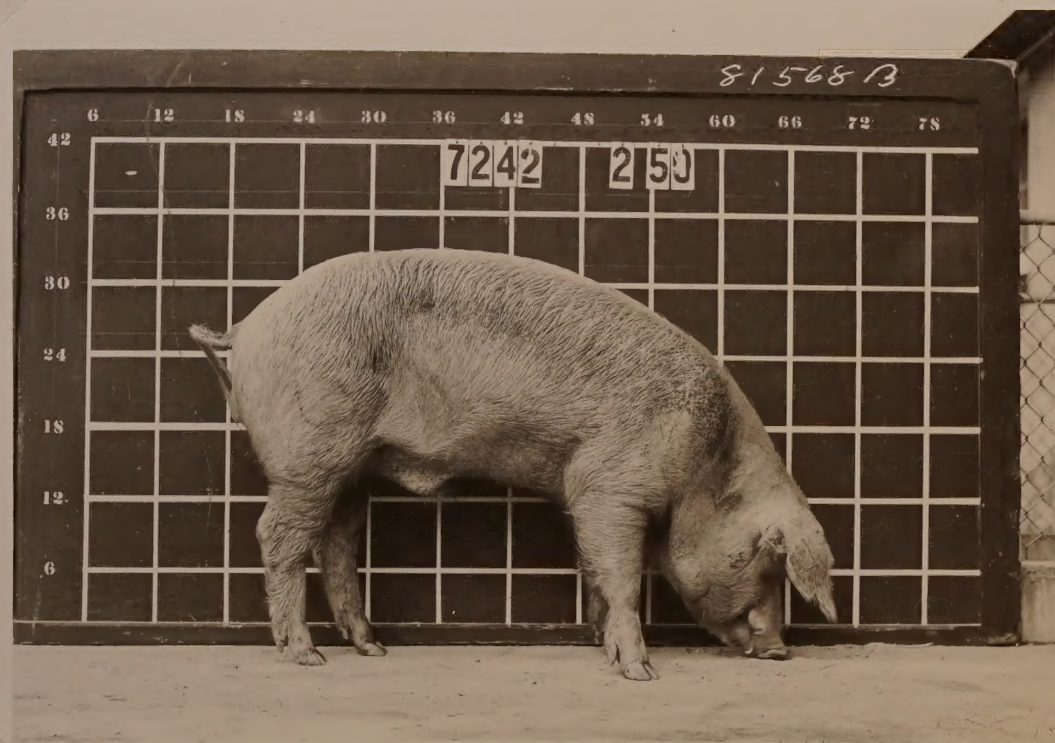
Breeding Herd

Chester White-Landrace Boar 7163
 Farrowed 3-22-49
 Sire 3221- Dam 3733
 10 farrowed-10 weaned-41.3% inbreeding



Breeding Herd

Chester White-Landrace Boar 7243
 Farrowed 3-26-49
 Sire 3221 Dam 3948
 12 farrowed-10 weaned-38.3% inbreeding



Breeding Herd

Chester White-Landrace Boar 7242
 Farrowed 3-26-49
 Sire 3221- Dam 3948
 12 farrowed-10 weaned-38.3% inbreeding

802663



80253B



Breeding Herd

Landrace-Duroc boar No. 3181
 76%L, 24% D
 Farrowed 2-19-48
 Sire 7213, Dam 8616
 16.7% inbreeding

80267B



Breeding Herd

Landrace-Duroc Boar No. 3162
 76%L, 24% D
 Farrowed 2-19-48
 Sire 993, Dam 8565
 24.5% inbreeding

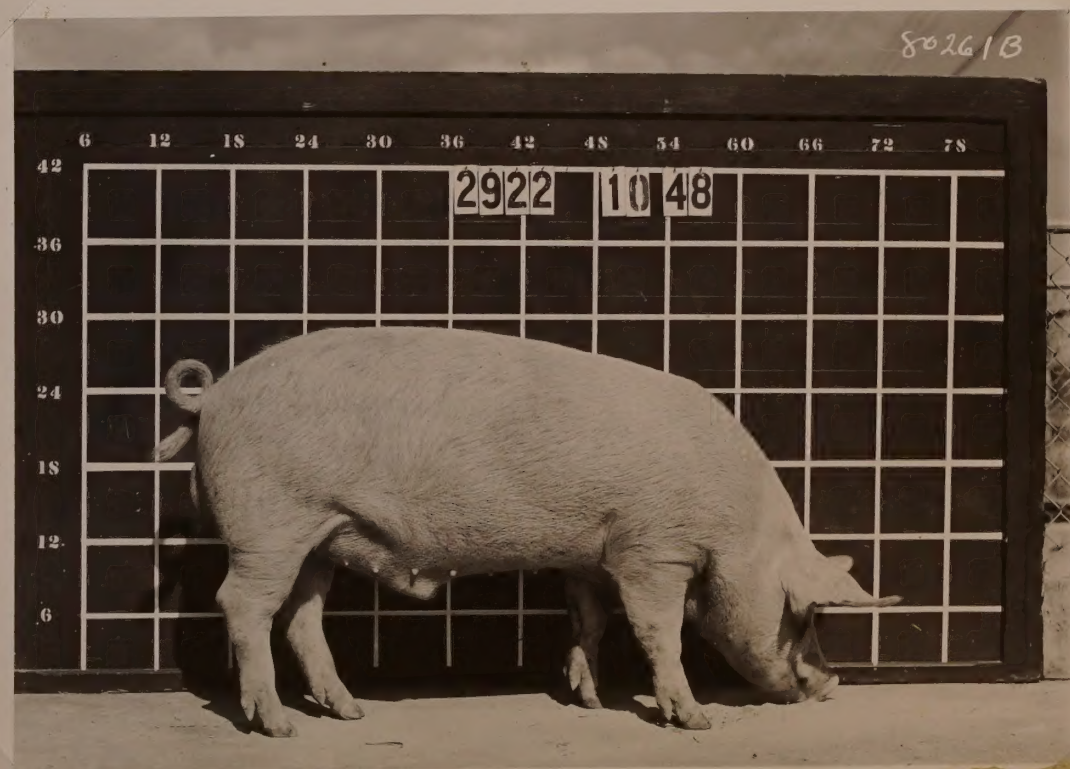
80259B





Breeding Herd

Landrace Boar 1835
 Farrowed 8-21-47
 Sire 7423, Dam 8597
 31.1% inbreeding



Breeding Herd

Landrace Boar 2922
 Farrowed 2-14-48
 Sire 7423
 Dam 8839

80L73B

6 12 18 24 30 36 42 48 54 60 66 72 78

42

3941 1048

36

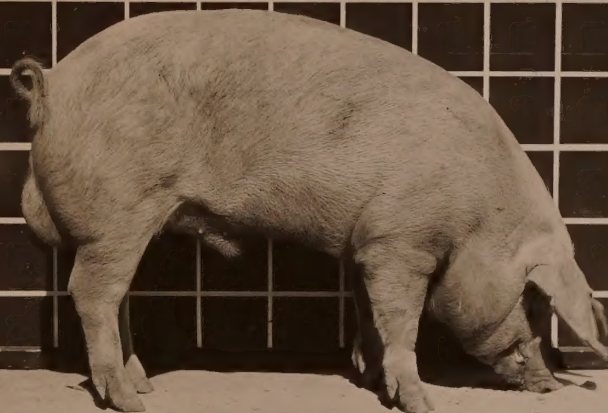
30

24

18

12

6



Breeding Herd

Chester White-Landrace Boar 3941

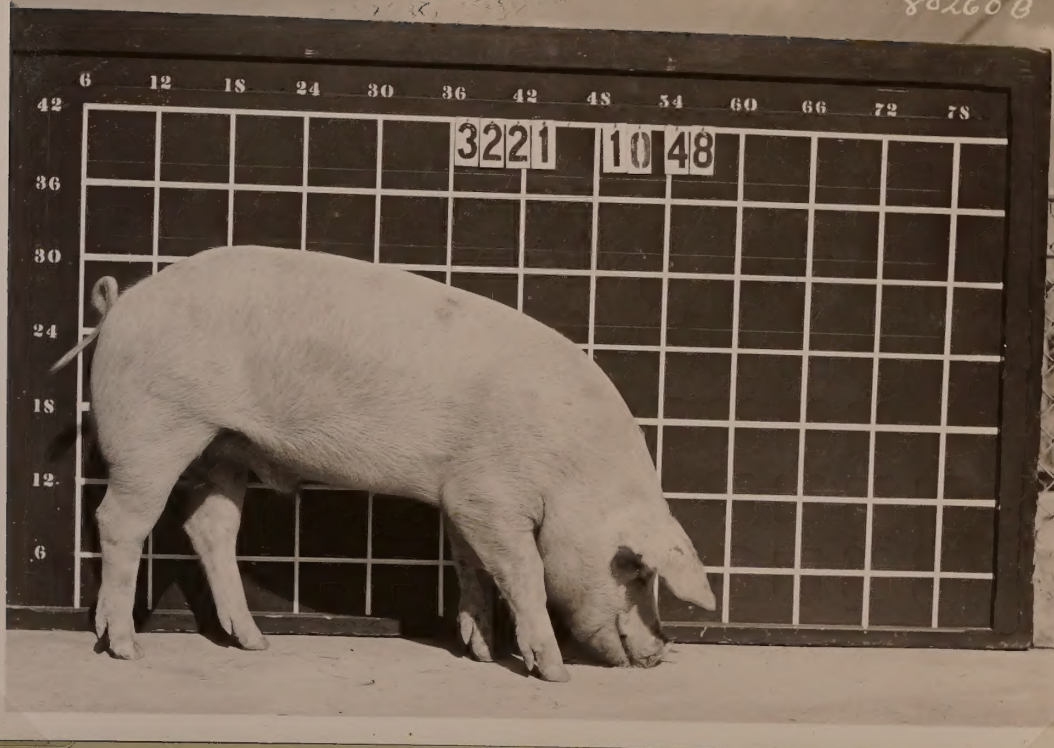
57% CW, 43% L

Farrowed 4-2-48

Sire 231

Dam 9191S

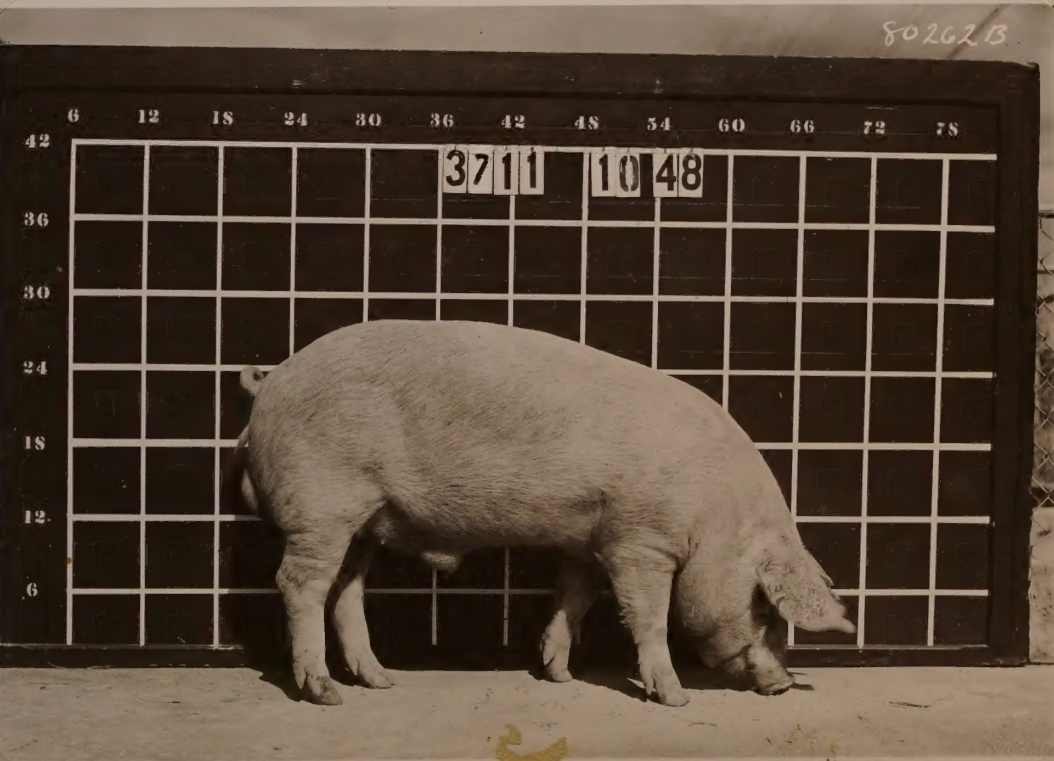
802600



Breeding Herd

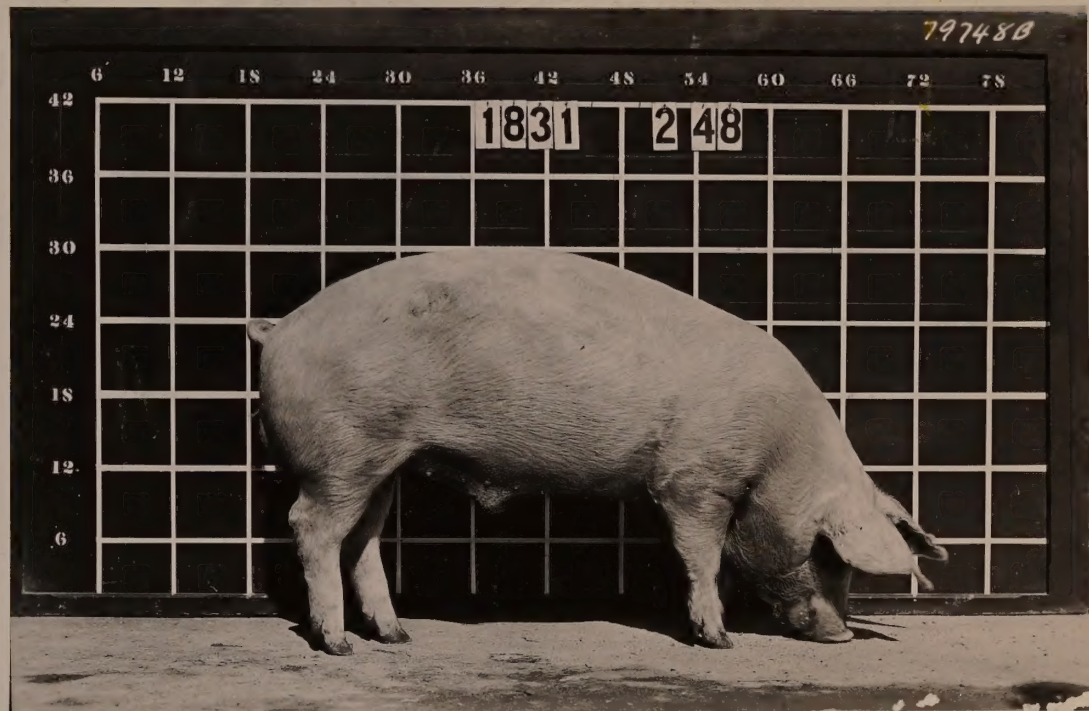
Chester White-Landrace Boar 3221
 88% CW, 12% L
 Farrowed 2-20-48
 Sire 8111, Dam 7816
 48.1% inbreeding

8026213



Breeding Herd

Chester White-Landrace Boar 3711
 94% CW, 6% L
 Farrowed 3-11-48
 Sire 753, Dam 7738
 53.9% inbreeding



Landrace Boar No. 1831
Sire 7423 - Dam 8597
Farrowed 8-21-47

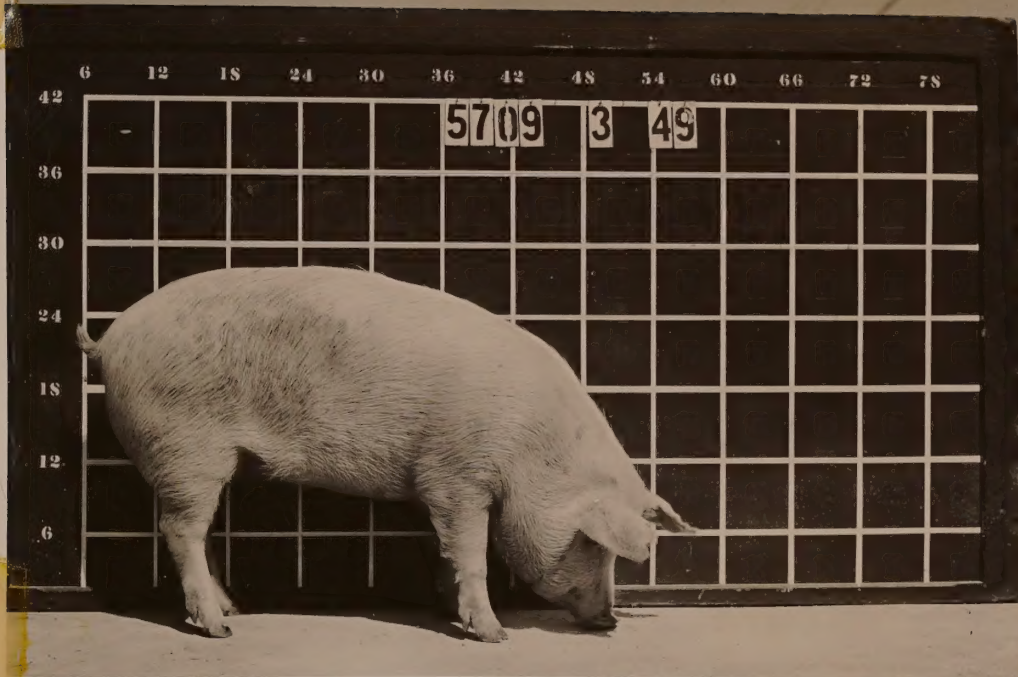
8098213



Crossline sow 5741S
Chester White-Landrace x Yorkshire-Duroc-Landrace-
Hampshire
Farrowed 9-25-48



80981B



Crossline sow 5709
Landrafe-Duroc x Landrace-Chester White
Farrowed 9-23-48





Breeding Herd - Beltsville, Md.

Landrace-Large Black Boar No. 8961
 Farrowed 2-17-50
 Sire 6272, Dam 6233
 9 farrowed - 5 weaned - 31.7% Inbreeding
 Neg. No. 82047-B



Breeding Herd - Beltsville, Md.

Landrace-Large Black Boar No. 8363
 Farrowed 2-5-50
 Sire 6864, Dam 6234
 11 farrowed - 3 weaned - 32.2% Inbreeding
 Neg. No. 82048-B



Breeding Herd - Beltsville, Md.

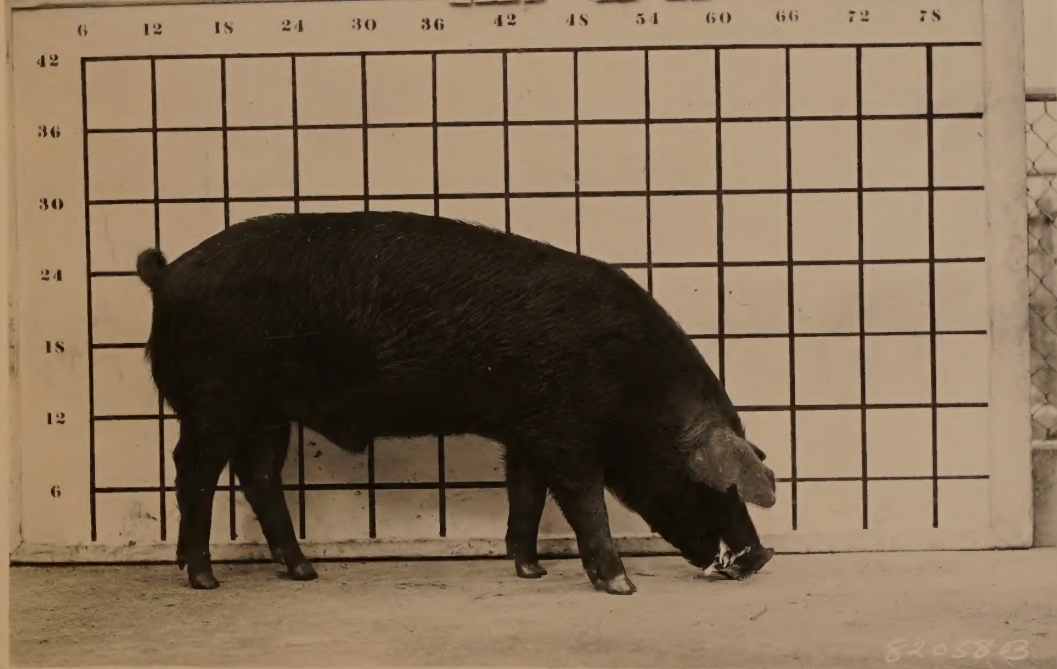
Landrace-Large Black Boar No. 6203
 Farrowed 2-17-49
 Sire 3382, Dam 3268
 9 farrowed-9 weaned-20% Inbreeding
 Neg. No. 82069-B



Breeding Herd - Beltsville, Md.

Landrace-Large Black Boar 8341
 Farrowed 2-4-50
 Sire 6272, Dam 6868
 7 farrowed-7 weaned-32.6% Inbreeding
 Neg. No. 82055-B

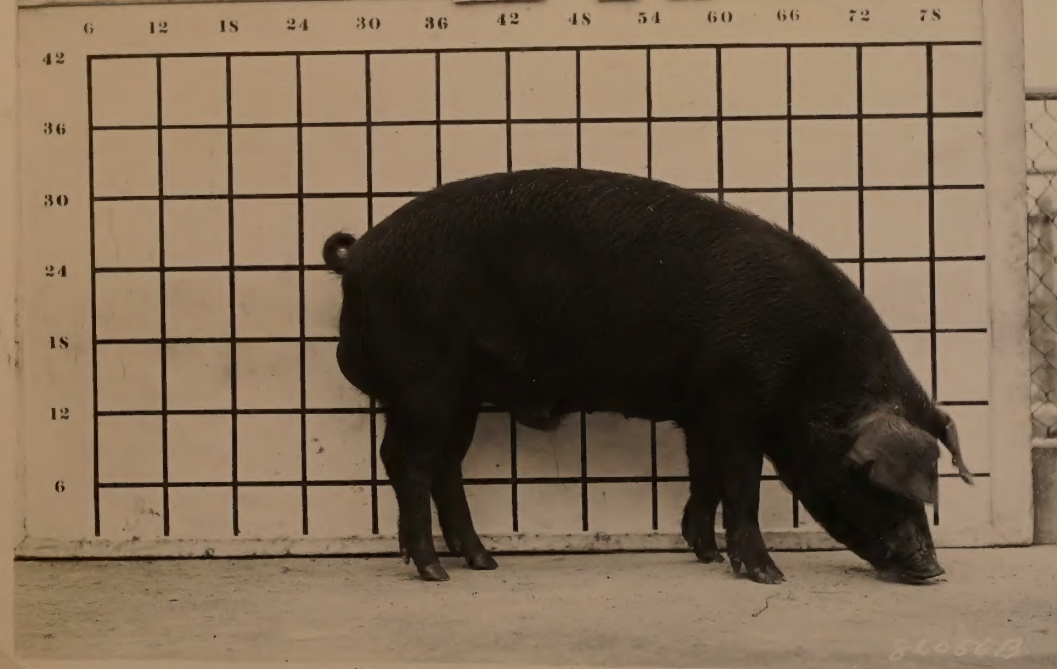
9991 12 50



Breeding Herd - Beltsville, Md.

Landrace-Duroc Boar 9991
 Farrowed 4-2-50
 Sire 6402, Dam 6669
 8 farrowed-3 weaned-32.9% Inbreeding

9711 12 50



Breeding Herd
 Beltsville, Md.

Landrace-Duroc Boar 9711
 Farrowed 3-17-50
 Sire 6474, Dam 6078
 9 farrowed-6 weaned-28.6% Inbreeding
 Neg. No. 82056-B



6475 12 50

Breeding Herd - Beltsville, Md.

Landrace-Duroc Boar No. 6475

Farrowed- 2-23-49

Sire 3661, Dam 8459

15 farrowed-11 weaned-34.8% Inbreeding

Neg. No. 82066-B



8721 12 50

Breeding Herd - Beltsville, Md.

Landrace-Duroc Boar 8721

Farrowed 2-13-50

Sire 7012, Dam 6875

9 farrowed-6 weaned-23.7% inbreeding

Neg. No. 82057-B



Breeding Herd - Beltsville, Md.

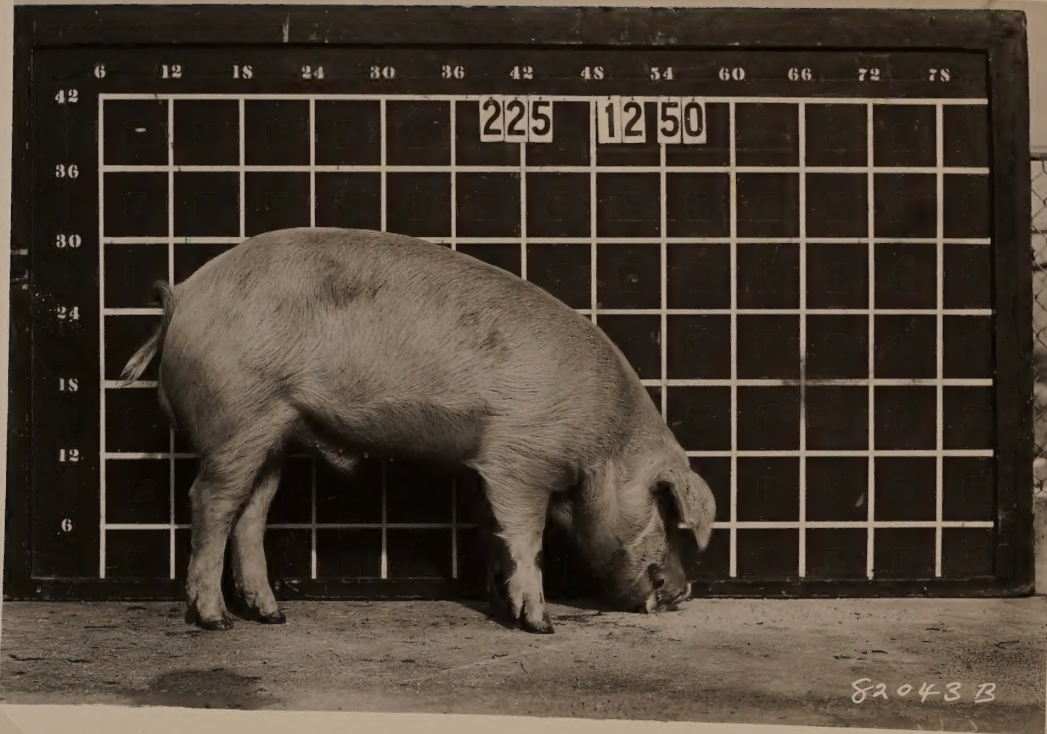
Hampshire Boar No. 325 (Torrance Master Rock)
 Farrowed - 3-18-50
 Sire - Torrance Master 444413
 Dam - Torrance Fay June 1112650

Neg. No. 82032-B



Breeding Herd - Beltsville, Md.

Hampshire Boar No. 323
 (Millarden Ramble Boy)
 Farrowed 3-2-50
 Sire - Rambler 396121
 Dam - Millarden Double Dear 2nd. 1021094
 Neg. No. 82030-B



Breeding Herd - Beltsville, Md.

Chester White boar No. 225
 (Trend of Pennsylvania 602175)
 Farrowed 3-25-50
 Sire - Gold Bond Trend 570241
 Dam - Portage Pennsylvania Ann 813722
 11 farrowed - 10 weaned

Neg. No. 82043 B



Breeding Herd - Beltsville, Maryland

Hampshire Boar No. 321 (Beltsville Sturdy Boy)
 Farrowed 3-11-50
 Sire - Transformation 412261
 Dam - Homestead Type Miss 1st. 1101966
 Neg. No. 82028-B



Breeding Herd - Beltsville, Md.

Chester White boar No. 223
 Farrowed 2-18-50
 Sire - Portage Ace Model 1st. 584223
 Dam - Compress Rose 790212
 Neg. No. 82042-B



Breeding Herd - Beltsville, Maryland

Chester White boar No. 224
 (Quaker's Fair Play 600887)
 Farrowed 3-5-50
 Sire - Quaker's Model 2nd 569205
 Dam - Quaker's Grade 4th 796478
 Neg. No. 82039-B



Breeding Herd - Beltsville, Maryland

Chester White boar No. 221
 (Clear Spring Farm Chief 601917
 Farrowed - 2-20-50
 Sire - Quaker's Rite Track 564775
 Dam - Quaker's Betsy 772608

Neg. No. 82040-B



Breeding Herd - Beltsville, Maryland

Chester White boar No. 222
 (Clear Spring Farm Master 601919)
 Farrowed 2-19-50
 Sire - Hi Way C.T.F.'s. Ace 580379
 Dam - Brookside Lady 932756

Neg. No. 82041-B

124 12 50



Breeding Herd - Beltsville, Maryland

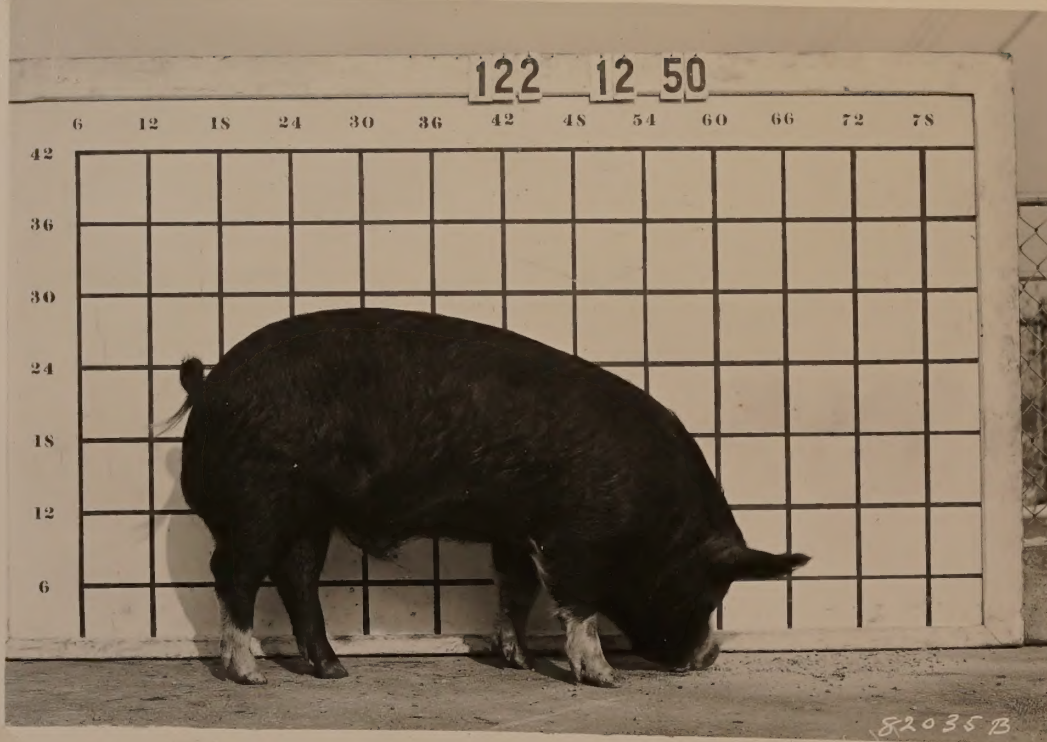
Berkshire boar 124
 (Rollingbrook's Supreme 660253)
 Farrowed 3-25-50
 Sire - Super Ladd's Prince 2nd 625408
 Dam - Rollingbrook's Patti Supreme 629252
 Neg. No. 82033-B

125 12 50



Breeding Herd - Beltsville, Maryland

Berkshire boar No. 125
 (Epoch's Play Boy of Ritterlea 8th. No. 667564)
 Farrowed 2-14-50
 Sire - Playboy's Ringer 612901
 Dam - Ritterlea Duchess 10th. 614428
 Neg. No. 82034-B



Breeding Herd - Beltsville, Maryland

Berkshire Boar No. 122
 (Hershey Double Knockout)
 Farrowed 2-16-50
 Sire - Hershey Knockout 3rd. 595053
 Dam - Hershey Double Roseville
 Neg. No. 82035-B



Breeding Herd - Beltsville, Md.

Berkshire boar No. 123
 (Advance Leader of Ritterlea 667568)
 Farrowed 3-16-50
 Sire - Ritterlea Royal Emblem 3rd. 643397
 Dam - Ritterlea Advance Girl 8th. 651495
 Neg. No. 82036-B

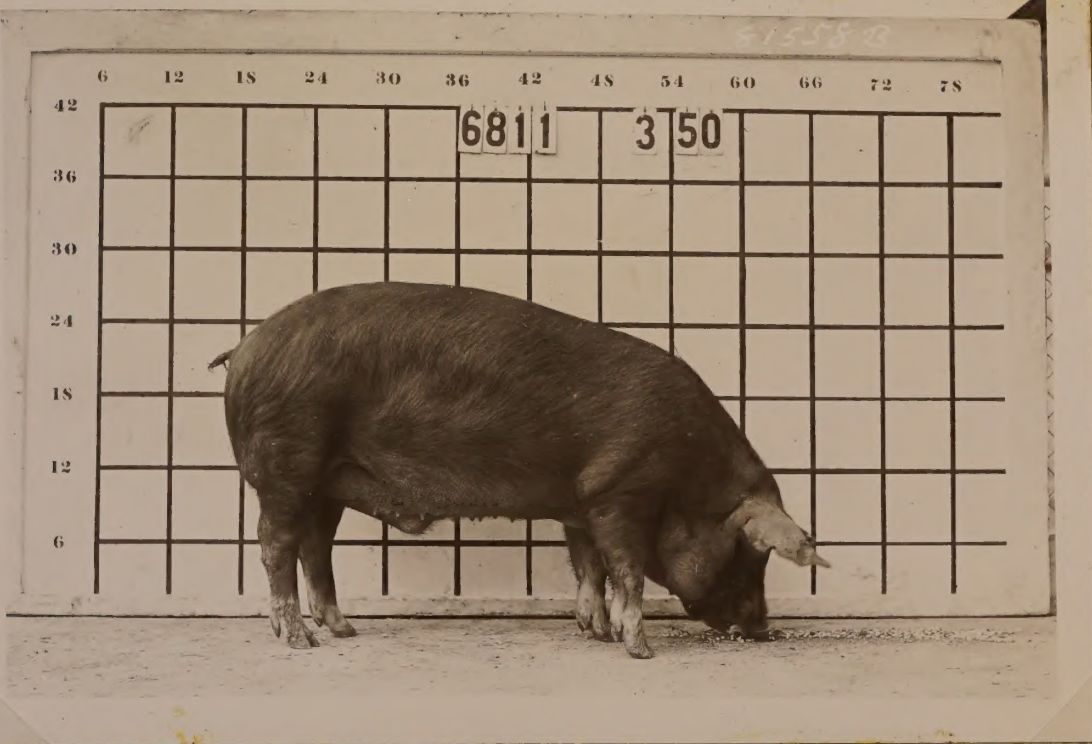


Breeding Herd

Landrace-Large Black Boar 7742
 Farrowed 8-15-49
 Sire 3612, Dam 3680
 11 farrowed - 10 weaned - 14.6% inbreeding

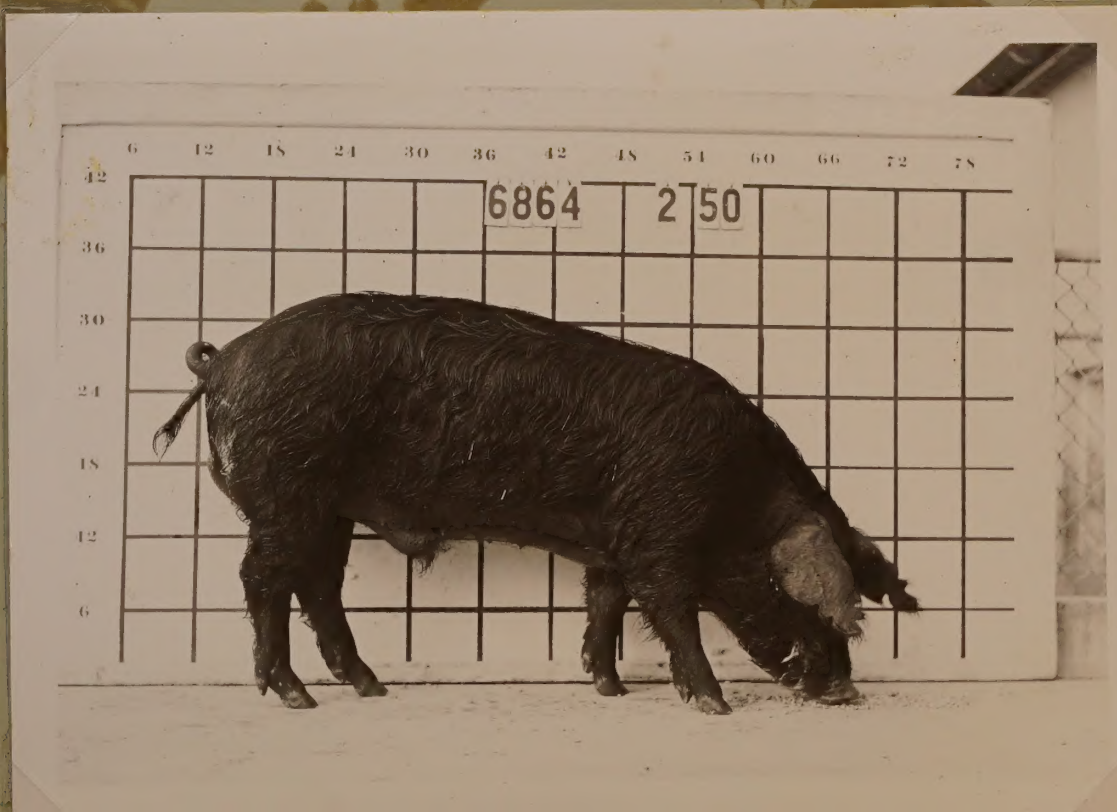


Landrace-Large Black sow 7741S
 Farrowed 8-15-49
 Sire 3612, Dam 3680
 11 farrowed-10 weaned-14.6% inbreeding



* Breeding Herd

Landrace-Large Black boar 6811
 Farrowed 3-9-49
 Sire 3382, Dam 2067
 8 farrowed-6 weaned-29.6% inbreeding



Breeding Herd

Landrace-Large Black boar 6864
 Farrowed 3-10-49
 Sire 3091, Dam 2065
 11 farrowed-8 weaned-23% inbreeding



Breeding Herd

Yorkshire-Duroc-Landrace-Hampshire boar 6832
 Farrowed 3-10-49
 Sire 3192, dam 8945
 10 farrowed-8 weaned-31.6% inbreeding



Breeding Herd

Yorkshire-Duroc-Landrace-Hampshire boar 6835
 Farrowed 3-10-49
 Sire 3192, dam 8945
 10 farrowed-8 weaned-31.6% inbreeding



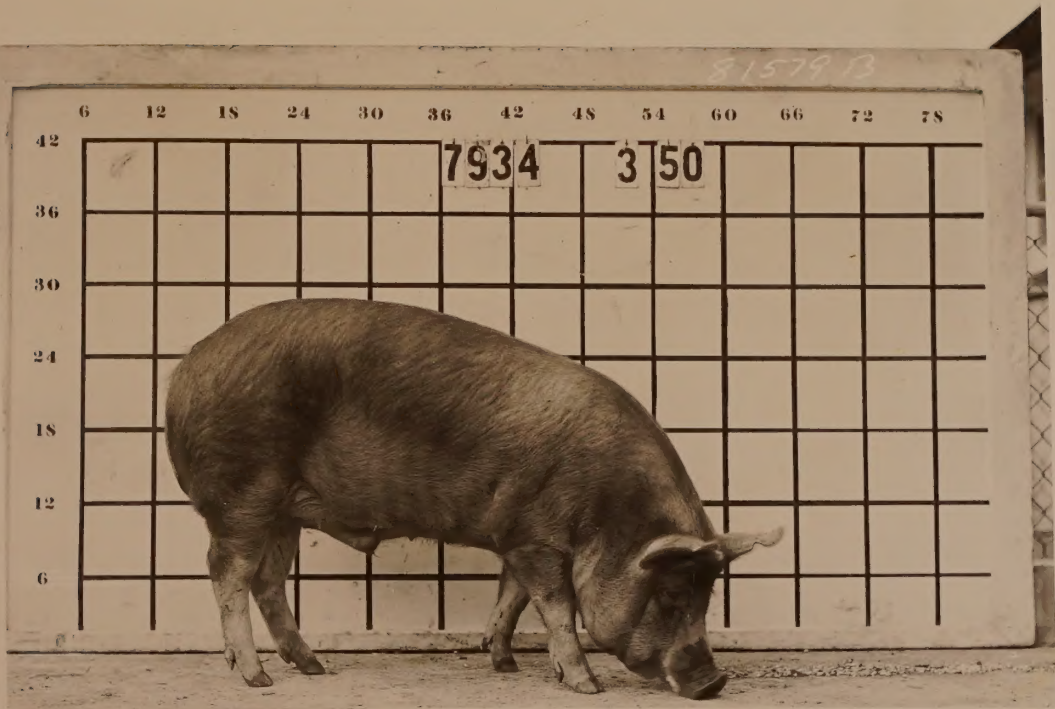
Breeding Herd

Yorkshire-Duroc-Landrace-Hampshire boar 6841
 Farrowed 3-10-49
 Sire 3762, dam 627
 14 farrowed-12 weaned-35.2% inbreeding



Breeding Herd

Yorkshire-Duroc-Landrace-Hampshire boar 6671
 Farrowed 3-4-49
 Sire 3192, dam 463
 7 farrowed-7 weaned-38% inbreeding



Breeding Herd

Yorkshire-Duroc-Landrace-Hampshire boar 7934
 Farrowed 8-31-49
 Sire 2961, dam 463
 13 farrowed-5 weaned-30.8% inbreeding



Breeding Herd

Landrace-Poland China boar 7855 Line "A"
 Farrowed 8-25-49
 Sire 3583, dam 3569
 11 farrowed - 8 weaned - 28.4% inbreeding



Breeding Herd

Landrace-Poland China boar 7853 Line "A"
 Farrowed 8-25-49
 Sire 3583, dam 3569
 11 farrowed-8 weaned-28.4% inbreeding



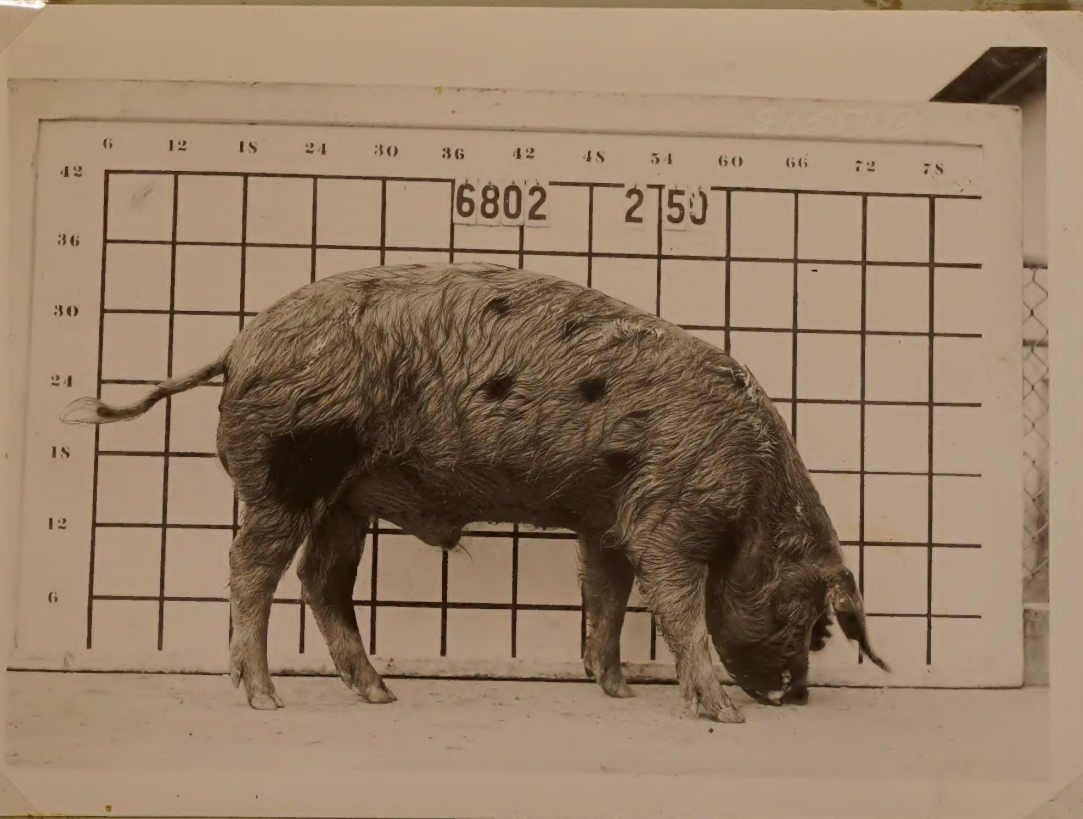
Breeding Herd

Yorkshire-Duroc-Landrace-Hampshire boar 6922
 Farrowed 3-12-49
 Sire 3762, dam 3380
 9 farrowed-8 weaned-36% inbreeding



Breeding Herd

Landrace-Poland China boar 6711
 Farrowed 3-5-49
 Sire 3641, Dam 3427
 15 farrowed-8 weaned-23.3% inbreeding



Breeding Herd

Landrace-Duroc-Hampshire boar 6802
 Farrowed 3-9-49
 Sire 3576, dam 725
 12 farrowed- 2 weaned-33.9% inbreeding



Breeding Herd

Landrace-Duroc-Hampshire Boar 6012
 Farrowed 2-9-49
 Sire 3576, dam 3476
 7 farrowed - 6 weaned - 35% inbreeding



Breeding Herd

Landrace-Poland China boar 6001
 Farrowed 2-7-49
 Sire 3793, Dam 3589
 8 farrowed-5 weaned-22.3% inbreeding



Breeding Herd

Landrace-Duroc-Hampshire boar 7432
Farrowed 4-5-49
Sire 2983, dam 3805
13 farrowed-8 weaned-20.7% inbreeding

8026873



Breeding Herd

Landrace-Large Black boar No. 3612
 78%L, 22% LB
 Farrowed 3-8-48
 Sire 81, Dam 5352S
 39.6% inbreeding



Breeding Herd

Landrace-Duroc-Hampshire boar 6991
 Farrowed 3-13-49
 Sire 2983, dam 3420
 11 farrowed-7 weaned-21.4% inbreeding

8027513

6 12 18 24 30 36 42 48 54 60 66 72 78

42

36

30

24

18

12

6

3576

1048



Breeding Herd

Landraße-Duroc-Hampshire boar No. 3576
73%L, 19%D, 8%H
Farrowed 3-7-48
Sire 7712, dam 7715

80258B



Breeding Herd

Landrace-Large Black boar No. 3382
 74% Landrace, 26% Large Black
 Farrowed 2-27-48
 Sire 7843, Dam 6754
 20.6% inbreeding

80263B



Breeding Herd

Landrace-Large Black Boar No. 3091
 73% Landrace, 27% Large Black
 Sire 671, Dam 7841S
 Farrowed 2-17-48

80255B



Breeding Herd

Landrace-Poland China boar 3564
76%L; 24% PC
Farrowed 3-6-48
Sire 964, dam 7
32.1% inbreeding



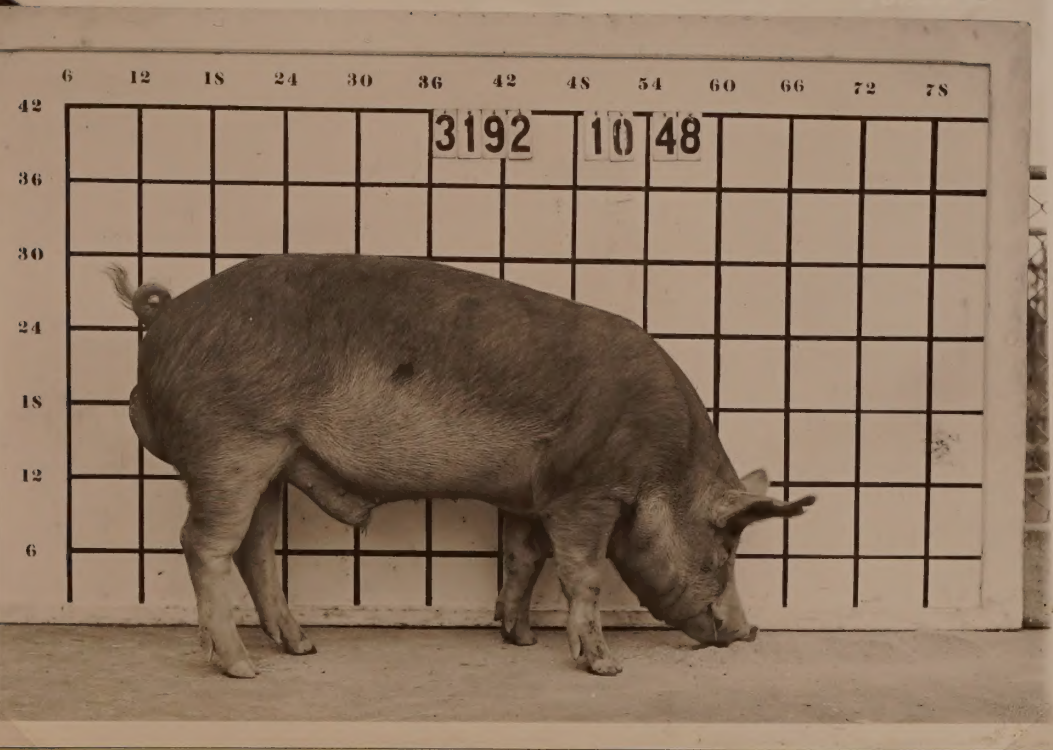
Breeding Herd

Landrace-Poland China boar 3695
 74%L, 26% PC
 Farrowed 3-11-48
 Sire 682, Dam 6066
 24.8% inbreeding



Breeding Herd

Landrace-Duroc-Hampshire boar No. 2983
 74%L, 16% D, 10% H
 Farrowed 2-15-48
 Sire 723, Dam 5519



Breeding Herd

Yorkshire-Duroc-Landrace-Hampshire boar 3192
56%Y, 29%D, 7.5%L, 7.5% H
Farrowed 2-19-48
Sire 631, dam 9050

80256B



Breeding Herd

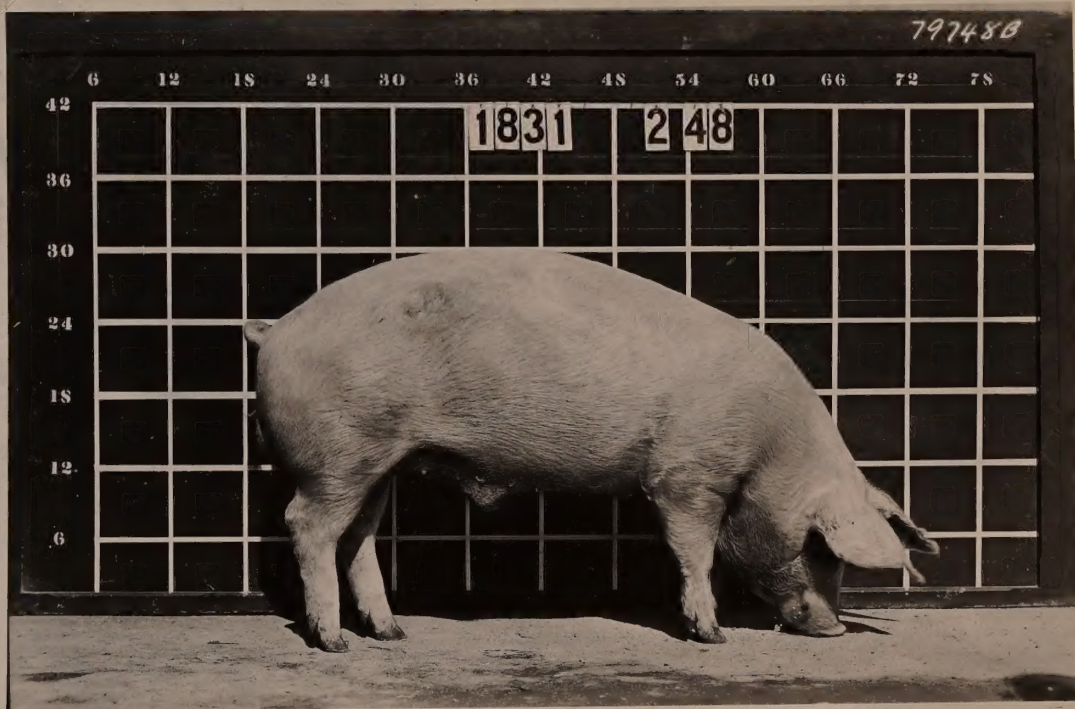
Landrace-Poland China boar No. 3702
 74%L, 26% PC
 Farrowed 3-11-48
 Sire 964, dam 8006
 19.4% inbreeding

80252B

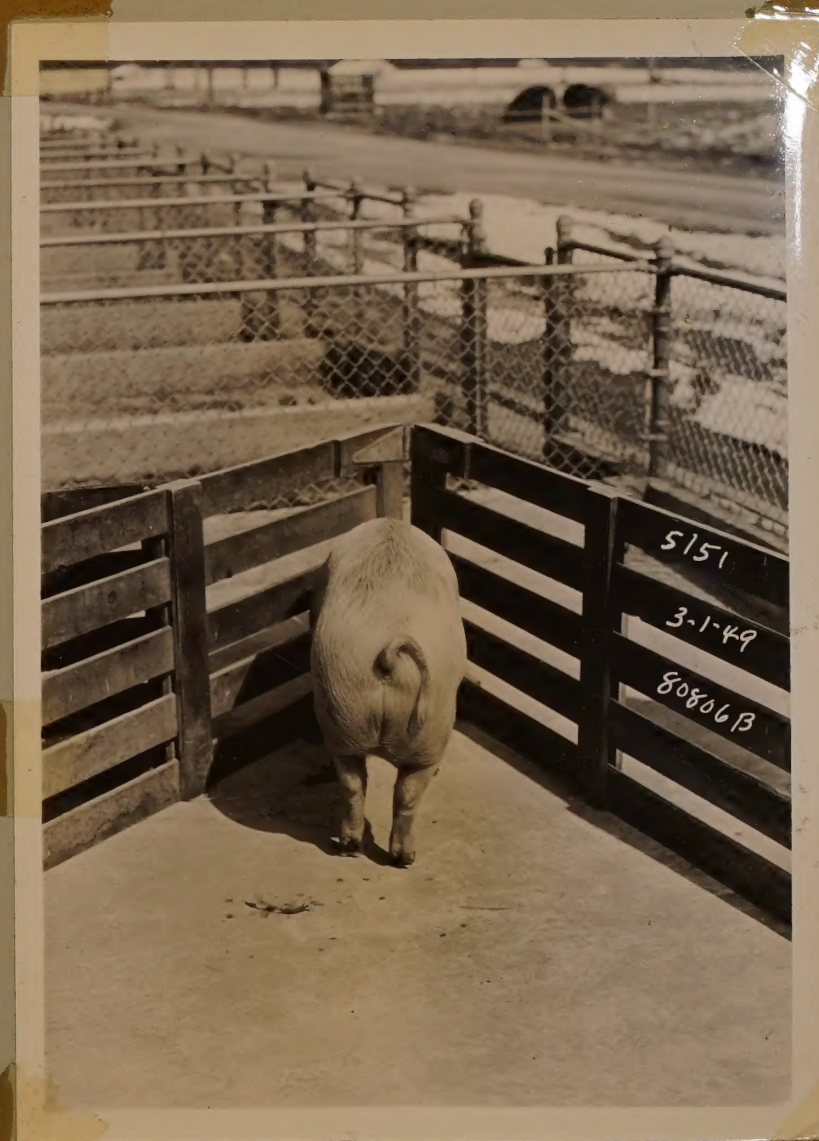
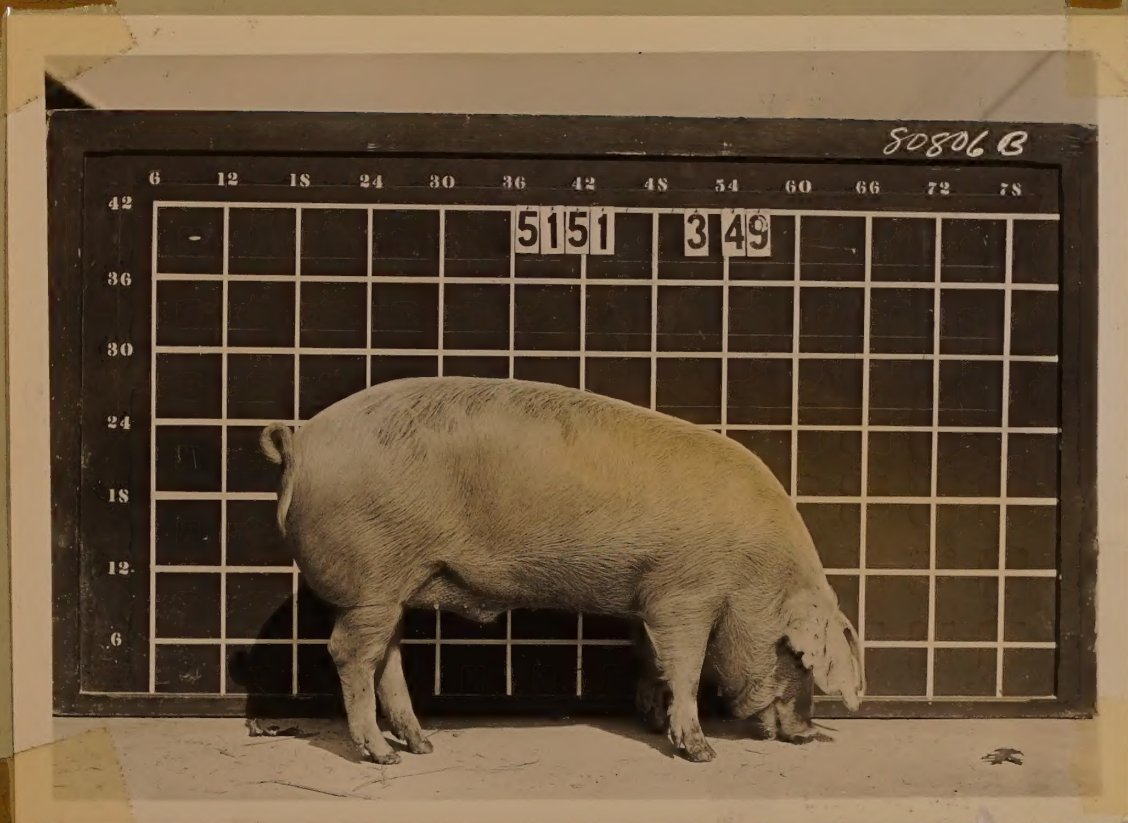


Breeding Herd

Yorkshire-Duroc-Landrace-Hampshire boar No. 3762
 61%Y, 32%D, 3.5%L, 3.5%H
 Farrowed 3-17-48
 Sire 626, dam 8584
 22.0% inbreeding



Landrace Boar 1831
Sire 7423m Dam 8597
Farrowed 8-21-47

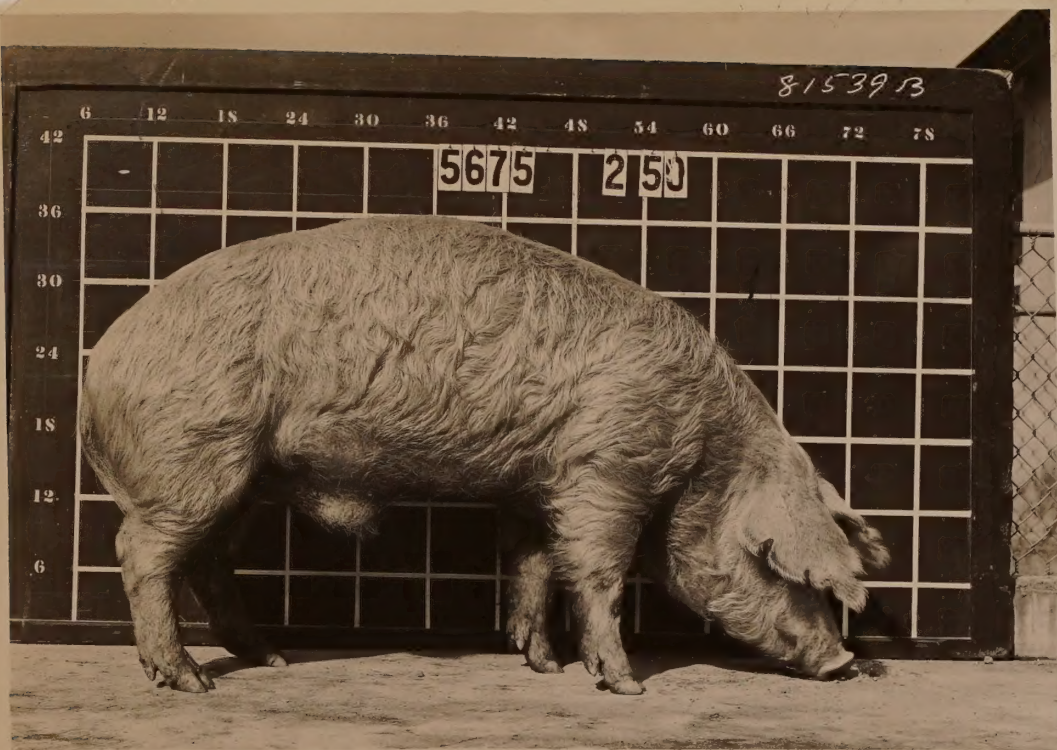


Crossline boar 5151
 L-LB x CW-L
 Sire 81, dam 237
 Neg. No. 80806-B

80805B



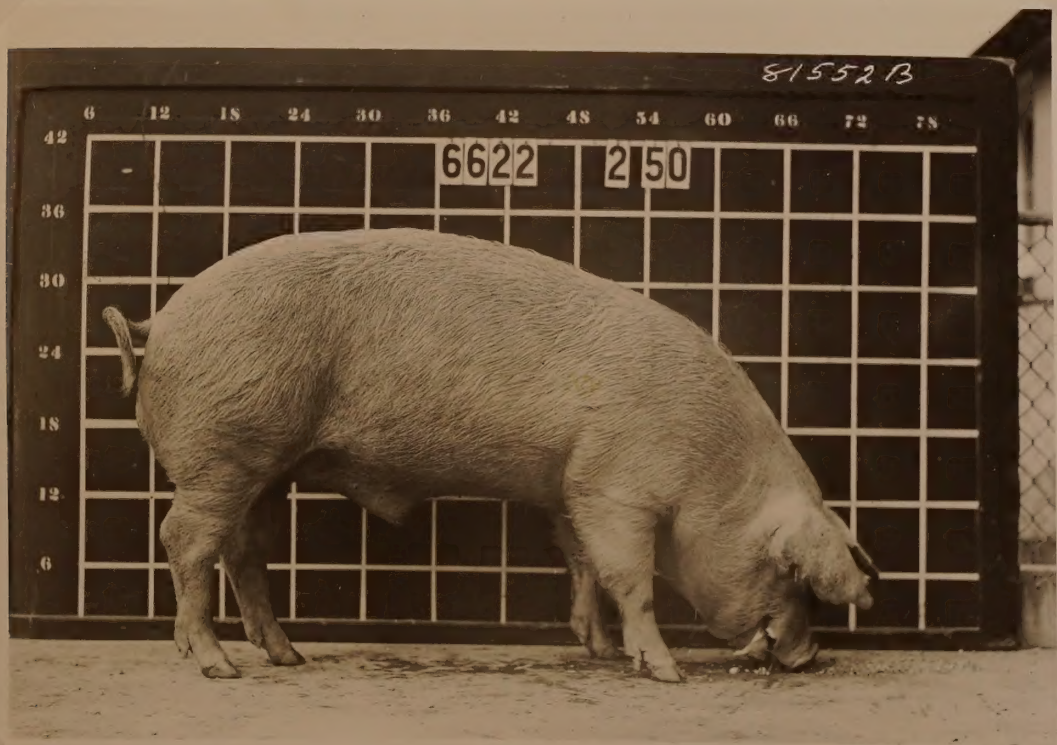
Crossline boar 5093
L-B x L-LB
Sire 1961, dam 7907
Neg. No. 80805-B



Boars used in breeding for Spring 1950 litters

Landrace Boar 5675
 Farrowed 9-20-48
 Sire 1831 Dam 7120
 15 farrowed-11 weaned

Neg. No. 81539-B



Boars used for Spring 1950 litters

Landrace Boar 6622
 Farrowed 2-28-49
 Sire 2922, Dam 206
 6 farrowed-5 weaned-39.6% inbreeding

Neg. No. 81552-B



Boars used in breeding for Spring 1950 litters

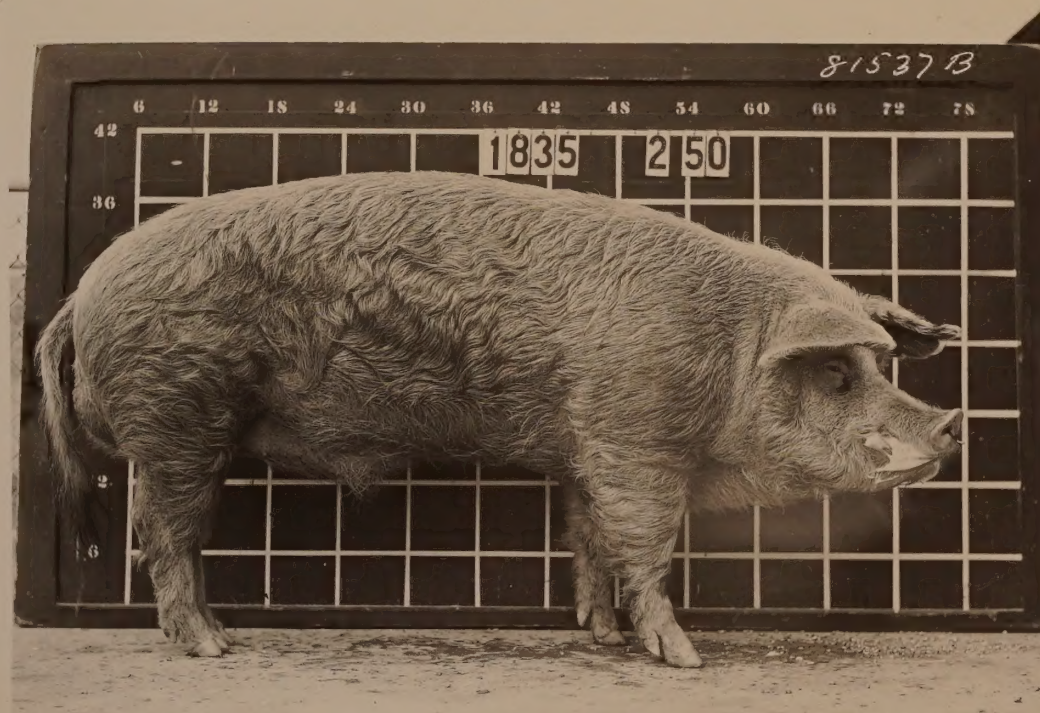
Landrace Boar 3032

Farrowed 2016048

Sire 202, Dam 8840

8 farrowed-7 weaned-44.8% inbreeding

Neg. No. 81538-B



Boars used in breeding for Spring 1950 litters

Landrace Boar 1835

Farrowed 8-21-47

Sire 7423, Dam 8597

10 farrowed-8 weaned-31.1% inbreeding



Crossline sow No. 263
Sire 3435 L-D-H, Dam 3632 L-PC
Farrowed 8-28-49
13 farrowed-10 weaned

Negative No. 81601-B
Taken in Spring 1950



Front view of Boar 7641 and Sow 263

Boar 7641 L-D
Sire 3914 Dam 3407
Farrowed 8-9-49
12 farrowed - 7 weaned

Crossline sow 263
Sire 3435 L-D-H, Dam 3632 L-PC
Farrowed 8-28-49
13 farrowed - 10 weaned

Neg. No. 81598-B



Comparison of Meat and Fat Type Hogs
Hog on left - Crossline sow No. 263
Sire 3435 L-D-H, Dam 3632 L-PC
Farrowed 8-28-49
13 farrowed - 10 weaned

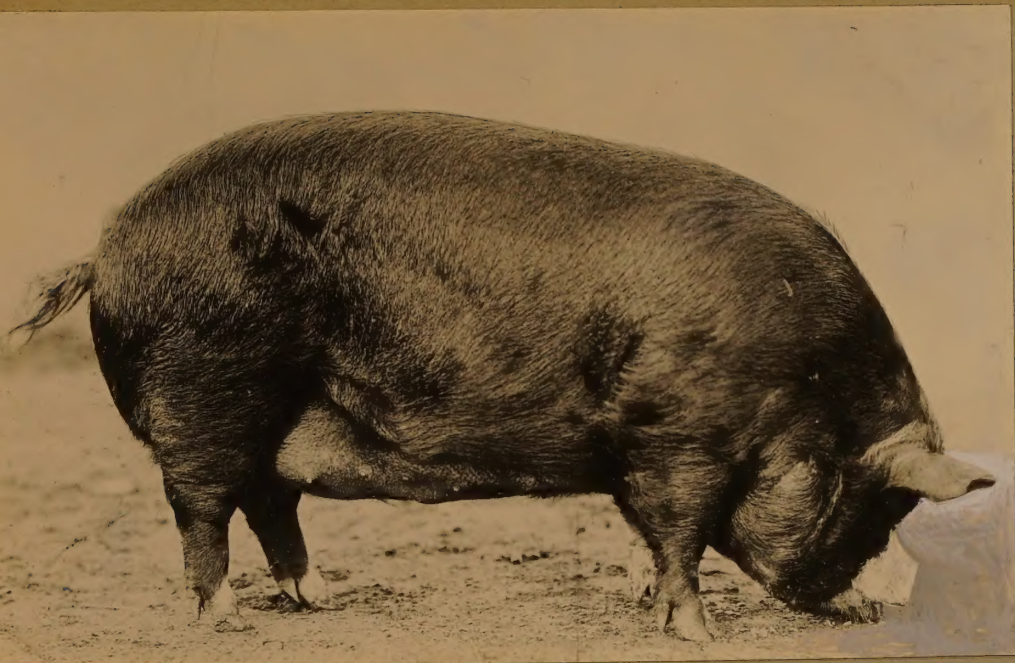
Hog on right - Landrace-Duroc Boar 7641
Sire 3914 - Dam 3407
Farrowed 8-9-49
12 farrowed - 7 weaned

Negative No. 81599-B
Taken in Spring 1950



Comparison of Meat and Fat Type Hog
Rear view of Crossline sow 263 and
Boar 7641

Negative No. 81597B



A. H. Form 133

Subject Berkshire Sow. Published in Farmers'
Bulletin No. 1263.

Taken by

Place

Date

Published in

File No. 22841-B

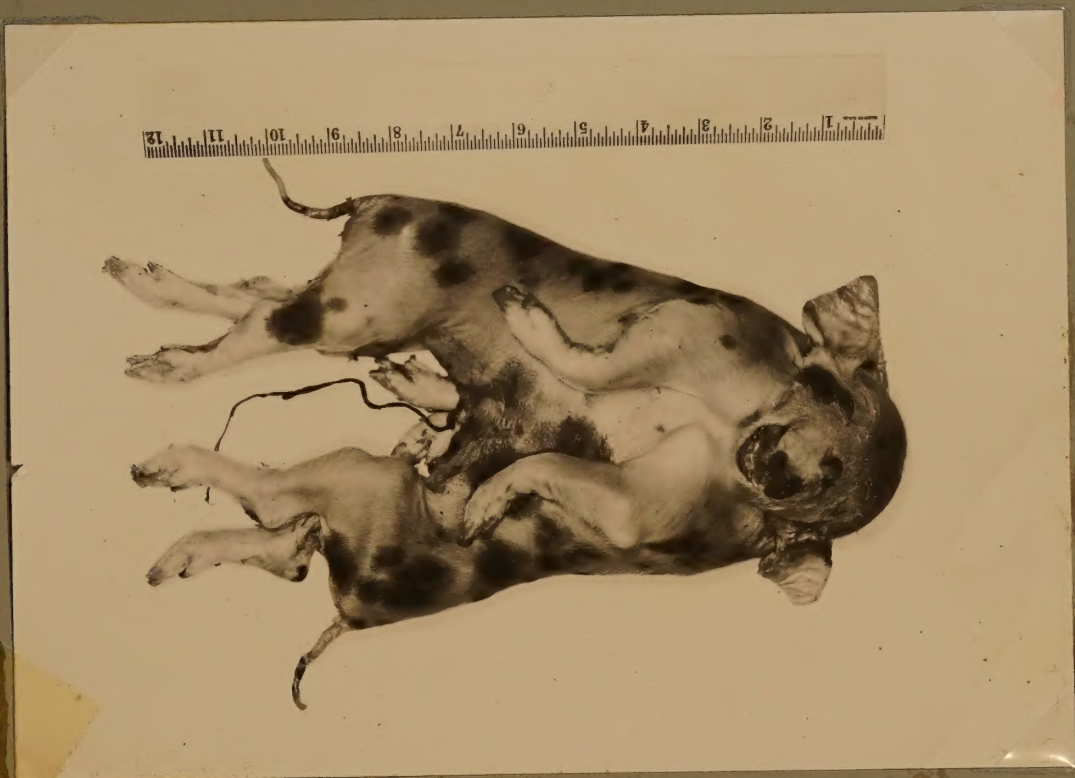
Slide No.

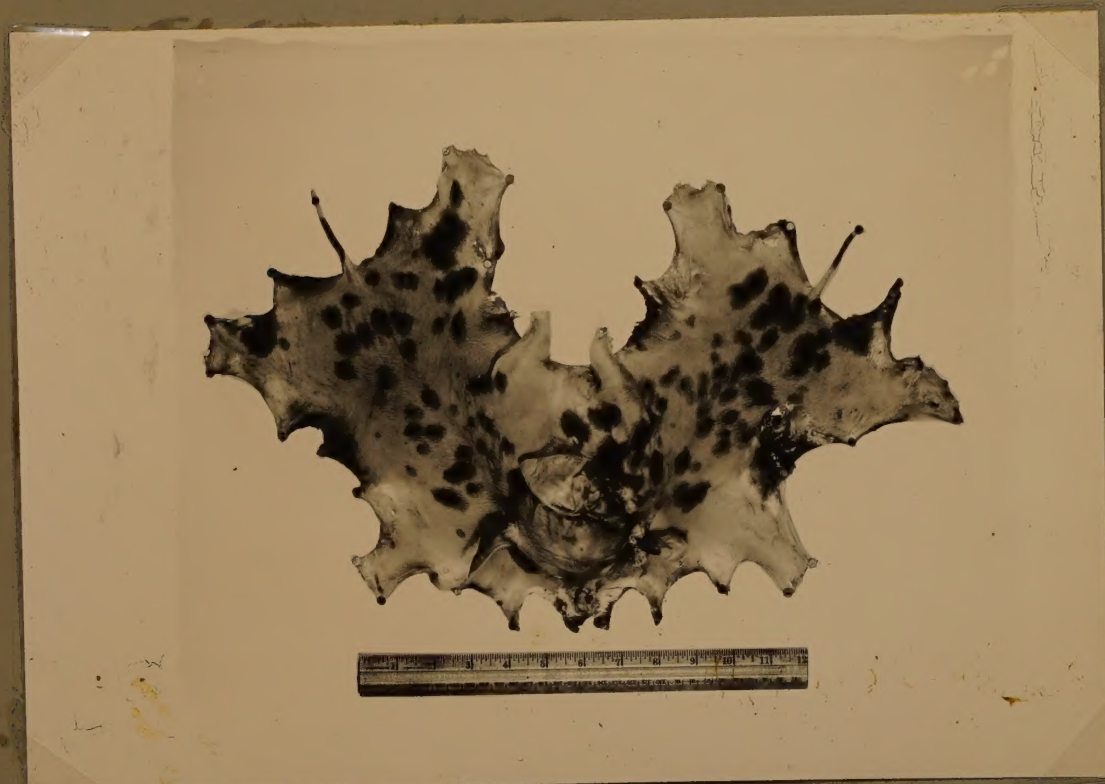


Subject Berkshire Bear
 Taken by Hildebrand, Chicago, Illinois
 Place
 Date Photo obtained by Mr. Rommel, 1912
 Published in
 File No. 6481 - B



Subject Berkshire Sow
 Taken by Hildebrand, Chicago, Illinois
 Place
 Date Photo obtained by Mr. Rommel, 1912
 Published in
 File No. 6482 - B







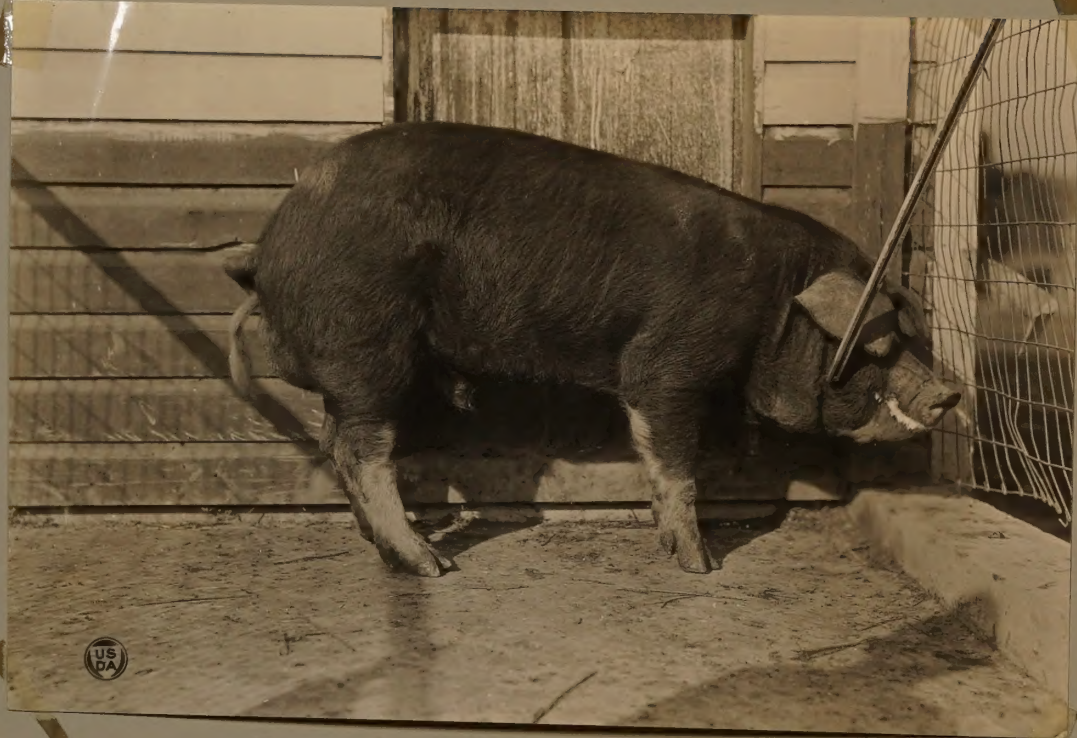


Boar showing a curly coat
Neg. No. 26265-B



Pigs born without any hair

Neg. No. 37843-B



Poland China Boar No. 38 showing crooked hind legs

Neg. No. 26263-B



Boar showing a poor eye

Neg. No. 26267-B



Poland China Boar No. 103.1 showing a narrow chest
expansion and crooked front legs.

Neg. No. 26274-B



DEFECTS

Poland China Boar No. 103.1
Showing crooked front and hind legs
Negative No. 26276-B



Poland China Boar showing good chest
expansion and straight front legs.





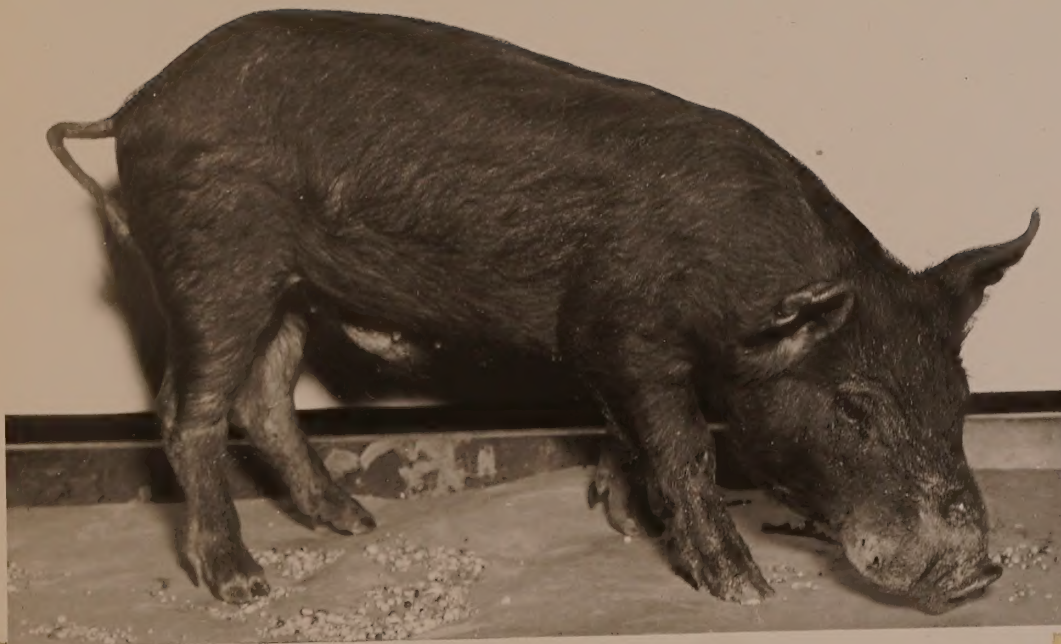
Bullnose Pig No. 4042

Farrowed 8-28-44

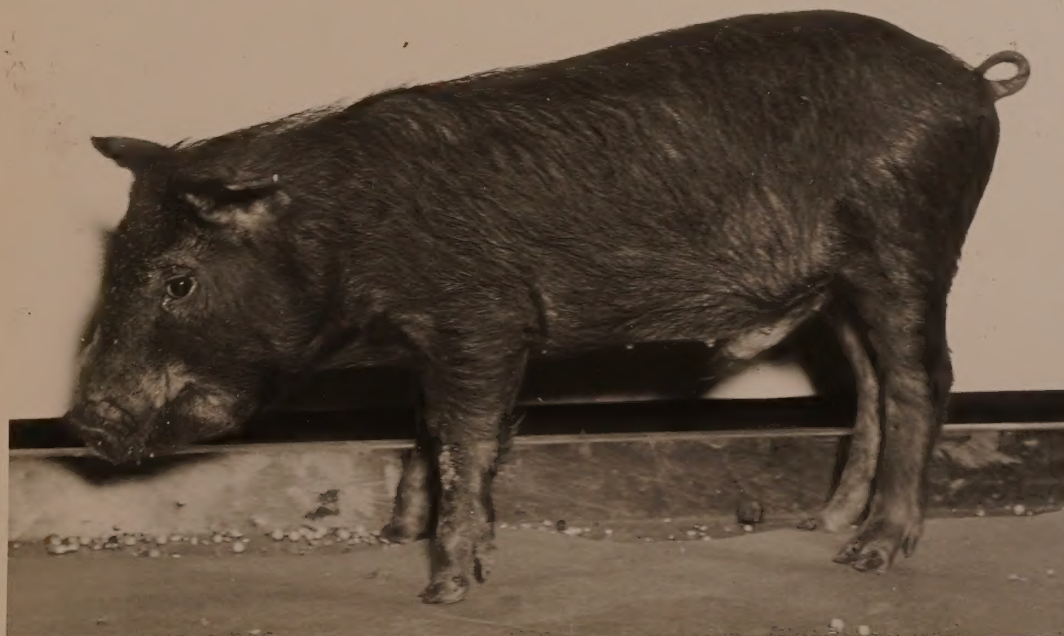
Photographed by Mr. Stenhouse 11-29-44 in
Pathological Division

Negative Nos. 10859-A and 10862-A

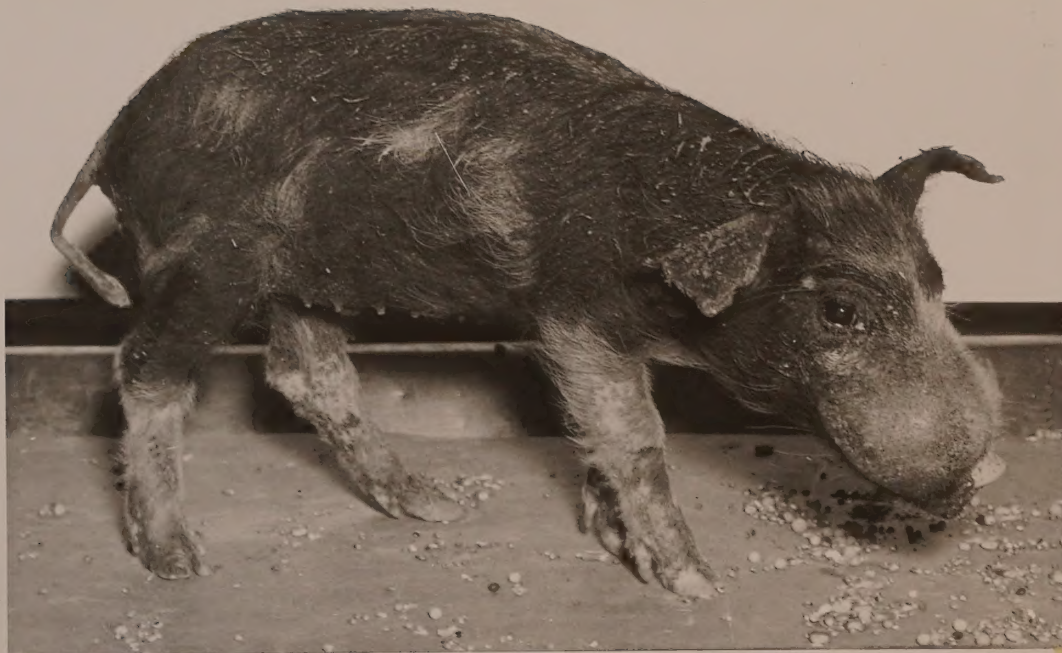




Bullnose Pig No. 4041
Farrowed 8-28-44
Photographed by Mr. Stenhouse 11-29-44 in
Pathological Division.
Negative No. 10858-A



Bullnose Pig No. 4045
Farrowed 8-28-44
Photographed by Mr. Stenhouse 11-29-44
in Pathological Division
Negative No. 10863-A



Bullnose Pig No. 3920
Farrowed 8-24-44
Photographed by Mr. Stenhouse 11-29-44 in
Pathological Division.
Negative No. 10860-A



Bullnose Pig No. 3922
Farrowed 8-28-44
Photographed by Mr. Stenhouse 11-29-44 in
Pathological Division.
Negative No. 10861-A



Neg. 58522-B



Neg No.
57341-B



DEFECTS

Landrace pig with abnormal feet
No. 2.9
Farrowed 8-27-35
Sire 11.7 Landrace
Dam 2 (87.5) Landrace



Neg. 58519-B



Neg. 58520-B



Neg. 58521-B

DEFECTS

Landrace pig with abnormal feet

No. 2.9

Farrowed 8-27-35

Sire 11.7 Landrace Dam 2(87.5) Landrace



Hermaphrodite farrowed 8-16-43 at Beltsville
 Pig No. 1394 - 203/256 L 53/256 PC
 Sire No. 7754 - 98/128 L 29/128 PC
 Dam No. 9219 - 104/128 L 24/128 PC
 Side view showing penis location between legs and
 rudimentary sheath scar.
 Slaughtered 4-20-44 - See carcass photo



Hermaphrodite farrowed at Beltsville 8-16-43
 No. 1394 - 203/256 L 53/256 PC
 Sire - 7754 - 98/128 L 29/128 PC
 Dam - 9219 - 104/128 L 24/128 PC
 Note - penis location and rudimentary sheath scar





Hermaphrodite farrowed at Beltsville 8-16-43

No. 1394 - 203/256 L 53/256 PC

Sire No. 7754 - 98/128 L 29/128 PC

Dam No. 9219 - 104/128 L 24/128 PC

Note penis between hind legs





Vitamin A Deficient Pig

Hog No. 3591
 On test 6-30-44 Weight 31 lbs.
 Off " 1-25-45 " 201 "
 Ration - Barley, tankage, linseed meal, soybean
 meal, mineral and yeast.





Vitamin A Deficiency Pigs



Vitamin A Deficient Pig